



QUEEN'S UNIVERSITY
FACULTY OF MEDICINE

—FORMERLY—

ROYAL COLLEGE

—OF—

PHYSICIANS • AND • SURGEONS

ANNUAL CALENDAR.




41ST SESSION, 1894-95.

KINGSTON :

PRINTED AT THE BRITISH WHIG OFFICE.

1894.



Digitized by the Internet Archive
in 2017 with funding from
Queen's University Archives

<https://archive.org/details/qucalendarmed1894>

ACADEMIC YEAR.

1894.

- Sept. 1—Notice of intention to appear at Supplementary Pass Examination to be given in writing to Rev. Dr. Bell, Registrar of the University. The subjects upon which the candidate intends to write must be stated in his notice.
- Sept. 25—Supplemental Examinations begin in Convocation Hall.
- Oct. 2—Classes begin.
- Oct. 16—University day. Holiday.
- Oct. 22—Candidates for Matriculation must give notice to Dr. Bell of their intention to appear.
- Oct. 30—Matriculation examination begins.
- Dec. 22—Christmas holidays begin.

1895.

- Jan. 8—Classes re-open.
- Feb. 7—Holiday.
- Mar. 16—Time expires for receiving Theses for M.D.
- Mar. 22—Class work closes.
- Mar. 22—Time expires for receiving Essays for University Prizes.
- Mar. 25—Examinations begin.
- April 29—Statutory meeting of Senate for conferring degrees.
- May 1—Convocation for distributing Prizes, announcing honours and laureating graduates.
- May 2—Summer session begins.
- June 29—Summer session closes.

TIME TABLE—FIRST AND SECOND SESSIONS.

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY.	SATURDAY.
9-10	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	
10-11	Physiology and An'l Biology.	<i>Histology for Physiology and An'l Biology. (1st year)</i>	Physiology and An'l Biology.	<i>Histology for Physiology and An'l Biology. (1st year)</i>	<i>Histology for Physiology and An'l Biology.</i>	
11-12	Junior Chemistry. Analytical Chemistry	Junior Chemistry. Analytical Chemistry	Junior Practical Chemistry. Analytical Chemistry	Practical Biology. Senior Chemistry.	Practical Biology. Senior Chemistry.	
12-1		<i>Histology. for (2nd year)</i>		<i>Histology. for (2nd year)</i>		
4-5	2nd year Materia Medica and Therapeutics.	1st year Materia Medica.	2nd year Materia Medica and Therapeutics.	1st year Materia Medica.	Practical Pharmacy.	
2-4	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	

TIME TABLE—THIRD AND FOURTH SESSIONS.

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Medical and Surgical Anatomy.	Pathology.	Medical and Surgical Anatomy.	Pathology.	Medical and Surgical Anatomy.	
10-11	Clinical Medicine.	Clinical Medicine.	Clinical Medicine.	Clinical Medicine.	Clinical Medicine.	
11-12	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	
2-3	Obstetrics.	Obstetrics.	Obstetrics.	Gynæcology.	Gynæcology.	
3-4	Practice of Medicine (Senior.)	Practice of Medicine (Junior.)	Practice of Medicine (Senior.)	Practice of Medicine (Junior.)	Practice of Medicine (Senior.)	
4-5	Surgery.	Surgery.	Surgery.	Surgery.	Surgery.	
5-6		Medical Jurisprudence.	Sanitary Science.	Medical Jurisprudence.		

OFFICERS OF INSTRUCTION.
FACULTY OF MEDICINE.

FORTY-FIRST SESSION, 1894-95,

Medicine.

- FIFE FOWLER, M.D., L.R.C.S., EDIN.,
Professor of the Principles and Practice of Medicine. Dean of the Faculty.
T. M. FENWICK, M.D.,
Acting Professor of Clinical Medicine and Dermatology.
JOHN HERALD, M.A., M.D.,
Professor of Materia Medica, Therapeutics and Pharmacy. Secretary of the Faculty.

Surgery.

- HON. MICHAEL SULLIVAN, M.D.,
Professor of the Principles and Practice of Surgery.
R. W. GARRETT, M.A., M.D.,
Professor of Clinical Surgery.

Obstetrics and Gynæcology.

- K. N. FENWICK, M.A., M.D., M.R.C.S., ENG., F.O.S., EDIN., Professor.

Medical Jurisprudence and Sanitary Science.

- H. J. SAUNDERS, M.D., M.R.C.S., ENG., Professor.

Anatomy.

- EDWARD RYAN, B.A., M.D.,
Professor of Systematic Anatomy.
D. E. MUNDELL, B.A., M.D.,
Professor of Surgical Anatomy.
J. W. CAMPBELL, B.A., M.D.,
Demonstrator of Anatomy.

Pathology.

- W. G. ANGLIN, M.D., M.R.C.S., Professor.

Ophthalmology, Otology, Laryngology and Rhinology.

- J. C. CONNELL, M.A., M.D., Lecturer.

Mental Disease.

- C. K. CLARK, M.D., Medical Superintendent Asylum for Insane.

Biology, Physiology and Histology.

- JAMES FOWLER, M.A., F.R.C.S.,
Professor of Botany and Vegetable Histology.
A. P. KNIGHT, M.A., M.D.,
Professor of Animal Biology, Physiology and Histology.
D. CUNNINGHAM, B.A., M.D., Fellow in Physiology.

Chemistry and Applied Chemistry.

- W. L. GOODWIN, B.Sc., EDIN., Professor.
WILLIAM NICOL, M.A., Assistant Professor of Chemistry.
ISAAC WOOD, M.A., M.D., Lecturer on Medical Chemistry.

ANNOUNCEMENT.

The Forty-first Session will commence on Tuesday, Oct. 2nd, 1894. The formal opening will take place on Oct. 9th, 1894, at 3 p.m. Short addresses will be given by members of the Faculty and friends of Medical Education.

Certificates of attendance are recognized by the Royal College of Surgeons of London and Edinburgh, so that those possessing the Degree of M.D. from Queen's University, are entitled to all the privileges in Great Britain that are accorded to the students and graduates of other Colonial Colleges and Universities.

The medical department occupies very commodious premises immediately adjacent to Queen's College, the School of Mining and Agriculture, and the Hospital. The Dissecting Room is large, well lighted and ventilated; the class rooms are commodious and comfortable and seated with the most improved pattern of students' class chairs. The Large Museum, and the Histological and Pathological Laboratory, recently fitted up, are on the first floor, and are supplied with all the necessary modern apparatus for the practical teaching of those important branches of the Medical Curriculum—such as microscopes, microtomes, warming stage, moist chambers, staining fluids, mounting materials, and other appliances. Students are afforded superior advantages for examining morbid specimens and for the study of these two branches of Medical Science.

Instruction in every branch is given by Lectures, Recitations and Clinical teaching, and is made as thorough and practical as possible. The Faculty, having now at its command all the apparatus and appliances necessary for imparting a sound medical education in every branch of the Curriculum, is in a position to offer to students all the advantages to be obtained anywhere else in the Dominion.

The abundant supply of dissecting material furnished by the Penitentiary, Jail, Hospital and all other public institutions in the

neighborhood, affords unrivalled opportunities for the study of Practical Anatomy, the true foundation of all medical knowledge.

The Kingston General Hospital and Hotel Dieu, both within a few minutes' walk of the University buildings, are open to the students, and offer every facility for the prosecution of Clinical studies. Students, if they so desire, can visit the Penitentiary Hospital with DR. STRANGE, and the Hospital for the Insane with DR. CLARKE, the Superintendent, in addition to visiting the other Hospitals.

The General Hospital has now accommodation for two hundred patients, its capacity having been largely increased by the completion of the Nickle wing. Another building, a bequest of the late Michael Doran, specially for Obstetric and Gynæcological cases and for children's diseases, has been erected. A theatre for *post mortem* examinations has also been built. The operating theatre is well lighted, and so arranged as to enable students to see clearly the details of the various operations. The other institutions referred to have a large number of patients constantly under treatment.

As proofs of the superior quality of the instruction given, the Faculty points with pride to the high positions taken by its students at the examinations of the Medical Council of Ontario, and of the Royal College of Surgeons of England, as well as to the professional success of its graduates everywhere.

Kingston is, moreover, a healthful and pleasant city, while the cheapness of living is such as to commend it to the notice of all intending students.

Good board in respectable houses may be obtained at prices ranging from \$2.50 to \$4.00 per week. List of boarding and lodging houses can be obtained on application to the Registrar of the University.

CURRICULUM.

Candidates for the Degrees of M.D. and C.M., or the College Diploma, must have completed a period of four years' study, which must comprise four winter sessions and one summer session, and have passed the Matriculation Examination of Queen's College, as follows, or an equivalent :

English Language, Grammar and Composition.
Arithmetic, with Vulgar and Decimal Fractions.
Algebra, including Simple Equations.
Geometry, first two books of Euclid.

1894 { Virgil, *Æneid*, II.
 { Cæsar, *Bellum Gallicum*, III, IV.

1885 { Virgil, *Æneid*, II.
 { Cæsar, *Bellum Gallicum*, V, VI.

Translation from English into Latin prose, involving a knowledge of Bradley's Arnold, Exercises 1-24 and 49-64 inclusive.

Translation at sight, with the aid of vocabularies, of easy passages from Latin authors.

A paper on Latin Grammar.

For practice in writing continuous Latin prose, candidates are recommended to study Simpson's Latin Prose (Part I).

Natural Philosophy, as in Stewart's *Physics*, or one book in Greek, French or German.

NOTE—As the Royal College of Physicians and Surgeons (England) requires Physics in Matriculation, those intending to take its degree should pass in Stewart's *Physics*.

Graduates and Matriculants in Arts from any recognized University, and all who have passed the Matriculation Examination of the Medical Council of Ontario, are not required to pass the above Matriculation Examination.

The Matriculation Examination must have been passed before a student can be admitted to any of the Professional Examinations, although lectures may be attended before passing it.

Graduates in Arts may complete their Medical Curriculum in three years.

Every candidate must have given regular attendance on Full Courses of Instruction in the following Departments for the periods stated, during at least three sessions :

*Very students taking two years course fees
and Bwl #4⁰⁰*

—10—

SUBJECTS OF STUDY AND FEES.

1st year :—

Botany	\$ 6 00
Anatomy	12 00
Animal Biology and Physiology	12 00
Histology	8 00
Chemistry—Theoretical	12 00
Practical Anatomy	8 00
Materia Medica	12 00

————\$70 00

2nd year :—

Anatomy	\$12 00
Physiology	12 00
Materia Medica—Therapeutics	12 00
Practical Pharmacy	6 00
Chemistry—Theoretical	12 00
Chemistry—Analytical	12 00
Practical Anatomy	8 00

————\$74 00

3rd year :—

Practice of Medicine	\$12 00
Clinical Medicine	12 00
Surgery	12 00
Clinical Surgery	12 00
Obstetrics and Gynæcology	12 00
Jurisprudence	12 00
Pathology	12 00

————\$84 00

4th year :—

Practice of Medicine	\$12 00
Clinical Medicine	12 00
Surgery	12 00
Clinical Surgery	12 00
Obstetrics and Gynæcology	12 00
Medical and Surgical Anatomy	10 00
Sanitary Science	4 00

————\$74 00

Students taking the classes of Histology and Pathology must pay a Laboratory fee of \$2.00 for the use of microscopes and reagents which fee must be paid every session the class is taken.

The above course of study may have been pursued either wholly at Queen's, or partly here and partly at some other recognized Medical School. In the latter case, at least one full session must have been spent at the University.

Certificates of attendance on lectures are accepted from incorporated Medical Schools in the British Dominions, and others recognized by British Universities and licensing Colleges. Other certificates of attendance on Lectures may be admitted at the discretion of the Faculty.

Students who have passed the Primary Examination in Botany of the Education Department will not be required to take this subject during their medical course.

302

All students must present evidence of having compounded medicine for a period of six months, in the office of a regularly qualified Medical Practitioner, and having attended at least six cases of Midwifery. Students must also present evidence of having attended six post mortem examinations, as well as certificates showing a practical knowledge of the use of the microscope and ability to prepare microscopic specimens.

Matriculated students or graduates in the Faculty of Arts who have attended during their course any course of lectures or of practical instruction of the character and duration required by the Curriculum in Medicine, may obtain certified tickets of the course, on payment of the ordinary fee demanded from students in medicine, less the Laboratory fees paid during their Arts course.

EXAMINATION AND GRADUATION.

Every candidate intending to appear at the Final Examination must, on or before the 5th day of March in the year in which he proposes to graduate, furnish a declaration under his own hand that he is twenty-one years of age, or that he will be so before the day of graduation, accompanied by a certificate, of good moral character, and a statement of his medical studies, with proper certificates.

EXAMINATIONS.

Examinations are required at the end of every session, as follows :

At the end of the first session :—

Botany, if not taken at matriculation. Anatomy—Bones, Muscles and Ligaments, Animal Biology and Physiology, Theoretical Chemistry.

At the end of the second session :—

Anatomy, Physiology, Histology, Materia Medica. Chemistry—Theoretical and Analytical.

At the end of the third session :—

Practice of Medicine, Therapeutics, Surgery, Obstetrics and Gynæcology, Pathology, Jurisprudence.

At the end of the fourth session :—

Practice of Medicine, Surgery, Obstetrics and Gynæcology, Medical and Surgical Anatomy, Sanitary Science.

On each paper the examiner will put pass and honour questions. Students desiring rank must answer both.

A candidate cannot obtain University rank for any of the foregoing examinations until he has matriculated.

Supplemental Examinations will be held commencing September 25th, at 10 a.m. Fee \$10.

EQUIVALENT EXAMINATIONS.

The following courses and examinations in Arts will be accepted in Medicine :

Faculty of Arts.

1. Course and examination in Botany (Junior).
2. Honour course and examination in first year Animal Biology.
3. Honour course and examination in 2nd year Animal Biology, including Histology.
4. Course and examination in Junior Chemistry.
5. Course and examination in Senior Chemistry, Nos. 1, 2 and 4 Arts Calendar.
6. Course and examination in 1st year Honors, Nos. 2, 4 and 5.

Faculty of Medicine.

1. Course and examination in Botany.
2. Course and examination in 1st year Physiology.
3. Course and examination in 2nd year Physiology and Histology.
4. Course of 1st year Chemistry. (See Calendar, p. 55).
5. Course and examination in 2nd year Chemistry.
6. Course and examination in Analytical Chemistry.

NOTE : Equivalents 2 and 3 do not apply to arts graduates prior to 1894.

FEES.

Registration Fee, first session	\$ 6 00
Each subsequent Registration	1 00
Degree of M.D.	25 00
Degree of C.M.	5 00
College Diploma.	20 00
College Fellowship.	50 00
Each Yearly Examination	3 00

Payment for two full courses in any class, and attendance in the same, entitles the student to a perpetual ticket for that class. Practical Anatomy, Theoretical and Practical Chemistry, Practical Pharmacy, ~~Histology~~, Pathology and Botany are exceptions, and for these payment is required every year during which they are taken. *In Histology, the fee \$8⁰⁰ pays for attendance*

The Kingston General Hospital may be attended by students during the whole period of study for one payment of \$12 at the commencement

the first two sessions; for every subsequent session the fee is \$8⁰⁰

The College Diploma is open to Graduates in Medicine of Queen's University, in good standing, on payment of the fee.

All Class and Registration Fees are payable to Dr. Fowler, Dean of the Faculty of the University, and are expected to be paid in advance.

Fees for the Degrees of M.D. and C.M. and examination fees are payable to Dr. Bell, the Registrar of the University.

PRIZES.

Besides University Prizes, Scholarships, and Honours, open to Medical Students, the following are offered every year, viz:—

1. At the end of the second session:—

Two demonstrators and four prosectors in Anatomy will be chosen by the Professor of Anatomy and the Lecturer on Practical Anatomy.

2. At the end of the third session:—

Three House Surgeoncies at the Kingston General Hospital of six months each, one during the Summer and two during the Winter, to be awarded to the three students making the highest percentages on the pass and honour examinations of the year.

3. At the end of the fourth session:—

Two University medals to be awarded to the two students making the highest percentages on the pass and honour examinations of the year.

STUDENTS' APPOINTMENTS.

Dressers in Eye and Ear Department.

Surgical Dressers. Final Students will be arranged in classes to act as dressers in the Surgical wards, where they will have an opportunity of practising bandaging and the use of other Surgical appliances.

Clinical Clerks.—Medical and Gynæcological.

These will be appointed from among the Final students to take charge of cases in the Medical and Gynæcological wards.

Prosectors to chair of Anatomy (4), to each of whom a Diploma of Merit is awarded.

Examinations will be held immediately before the Examinations of the Medical Council, which commence in the City of Kingston in April.

All who desire to practice medicine in Ontario must pass the Matriculation and other Examinations of the Medical Council.

All applications with reference to Medical Studies to be made to the Dean of the Faculty.

COURSE OF INSTRUCTION.

1. THEORY AND PRACTICE OF MEDICINE—(PROF. FOWLER).

This class consists of a Senior and Junior Course of Fifty Lectures each, embracing the following divisions, viz.: The General Principles of Medicine, the Nature and Cause of Disease, Symptoms, Intercurrent Affections during the course of a disease, Diagnosis, Means of Prevention and General and Special Treatment; together with the Classification of Diseases, the Morbid Changes of the different organs and structures of the body affected, and the Hygienic Management of Patients.

These Lectures are illustrated by plates, morbid specimens and models of diseased parts.

2. PRINCIPLES AND PRACTICE OF SURGERY—(PROF. SULLIVAN).

This course consists of 100 Lectures, part of which will be given in the class room of the College and part in the Hotel Dieu Hospital. In the latter institution patients illustrating the Lectures will be exhibited to the class and operations performed in the presence of the students.

These Lectures, besides the Principles and Practice of Surgery, will include a course of Surgical Anatomy and Surgical Pathology, illustrated by plates, models and specimens, explaining the most recent theories. The use of instruments and surgical apparatus and appliances is taught; the chief operations are performed on a cadaver, and advantage is taken to give a concise and practical course in special surgery, introducing the latest and most improved operations and models of treatment, with the use of such instruments as are employed in special surgery.

3. OBSTETRICS AND DISEASES OF WOMEN—(PROF. K. N. FENWICK).

This course consists of 100 Lectures, embracing the Principles and Practice of Obstetrics and a full course on Gynæcology, illustrated by drawings, models, the use of the artificial pelvis, etc.

The class will be admitted in sections to see the operations in the Doran Building.

Ample opportunities will be afforded to the students for studying this important branch practically, as they will be arranged in classes to attend the Obstetric practice of the Hospital.

Full instructions will be given for the after-management of Obstetric Cases; and the accidents and diseases of that critical period will be properly discussed, and also the diseases of infancy and early childhood.

4. MATERIA MEDICA, THERAPEUTICS AND PHARMACY—(PROF. HERALD).

In this course, which consists of 100 Lectures, all the important drugs used in medical, surgical and obstretrical practice will be fully described and their properties, preparations and doses given. Their therapeutic action, and the conditions in which a particular medicine of a certain class is more suitable than others of the same class, will receive special attention. Instruction in Prescription Writing forms a characteristic feature of the Materia Medica course.

This course will be illustrated by plates, and specimens of the various drugs and chemicals used in medicine.

5. ANATOMY—(PROF. RYAN).

Anatomy is taught in the most practical manner possible.

Five Lectures a week are given in the Anatomy class-room, and are fully illustrated by recent dissections on the cadaver, and also by plates, drawings and preparations.

Four of the best dissectors among the third year students are chosen each session as *prosectors*, and these, under the direction of the Professor, make careful dissections of the parts to be brought before the class. Thus students not only hear a description of the tissues of the body, but see them properly dissected and lying in their natural relations to each other. Every facility for studying Anatomy is afforded the students, and prizes are given at the end of the Session for the best examinations passed.

6. ANIMAL BIOLOGY INCLUDING PHYSIOLOGY. ~~AND HISTOLOGY~~—(PROF. KNIGHT AND DR. CUNNINGHAM).

This includes an elementary course of Lectures and Demonstrations on Animal Biology and Physiology for first year students and a course of Lectures on Physiology for second year students.

Students are instructed in the use of various physiological instruments, such as the sphygmograph, spirometer, manometer, etc., and everything is done, as far as time will permit, to make them practically acquainted with modern Physiology, its methods, its deductions, and the basis upon which the latter rest.

Histology

-16-

The minute anatomy of the various tissues and organs will be illustrated by models, diagrams, and images or views thrown on a screen by means of an oxy-hydrogen lamp.

During his course the student will be required to mount, draw and study at least fifty typical microscope preparations.

7. THEORETICAL CHEMISTRY—(PROF. GOODWIN AND DR. WOOD).

This course comprises Chemical Physics, Chemical Philosophy, Inorganic and Organic Chemistry.

The Lectures are fully illustrated by experiments.

8. ANALYTICAL CHEMISTRY—(PROF. GOODWIN AND DR. WOOD).

Thorough instruction is given in the Laboratories of the University, under the personal supervision of the Professor and his assistant. The course is entirely Laboratory work, and includes blowpipe manipulations, the use of apparatus, qualitative and quantitative analysis, toxicological investigations, urinalysis, etc.

9. MEDICAL JURISPRUDENCE—(PROF. SAUNDERS).

This course includes documentary and oral evidence, identification, real and apparent death, autopsies, the taking down of evidence, the appearance of wounds and other external injuries before and after death, effects of suffocation, drowning, the detection of blood stains, seminal fluid, etc.; the evidence of rape, criminal abortion, concealment of pregnancy and infanticide; insanity, feigned diseases, impotence, sterility, legitimacy, survivorship, life assurance, malpractice, and Medical Toxicology. The Lectures are illustrated with plates and specimens when necessary.

10. PRACTICAL ANATOMY—(DR. CAMPBELL).

The Dissecting Room will be open from 8 a.m. to 6 p.m. for the use of the students; and instruction will be given every day in dissecting, and in the details of Practical Anatomy, by the Demonstrator or his Assistants. Students are furnished with material for dissection, of which there is always an abundant supply in the institution.

11. CLINICAL MEDICINE—(ACTING PROF. T. M. FENWICK).

1. Clinical study of Diseases, with reports of cases.
2. The instruments employed in the diagnosis of disease.
3. Physical diagnosis of diseases of the heart and lungs.
4. Physical diagnosis of diseases of the abdomen.
5. The chemical and microscopical examination of the blood expectoration, vomited matters and urine.

the course extends over five sessions. During this first session students becoming familiar with the microscope, the middle sessions devoted mainly to study more particularly the histology of cells tissues

During the second week the student studies the structure of organs of body, and introduces histology

12. CLINICAL SURGERY—(PROF. GARRETT).

These Lectures are given upon the various Surgical cases in the wards of the General Hospital. They are delivered at the bedside or in the Theatre of the Hospital. When the Lectures are delivered in the Theatre the patients are brought in and their diseases exhibited to the class; the symptoms, diagnosis, treatment, course and probable termination of them are pointed out, and all the circumstances attending their cases thoroughly impressed upon the minds of the students. When requiring it the Lectures are elucidated by plates, surgical apparatus, morbid specimens, models, etc. All operations are performed in presence of the class.

Special instruction will be given in the application of splints, bandages and other antiseptic appliances.

13. SANITARY SCIENCE—(PROF. SAUNDERS.)

14. BOTANY—(PROF. FOWLER).

The Lectures will be illustrated by drawings, microscope sections, dried specimens, and living plants.

15. PATHOLOGY AND BACTERIOLOGY—(PROF. ANGLIN).

This course includes post mortem examinations and the gross and microscopic appearance of diseased specimens.

Instruction in Medical and Surgical Pathology will be given by means of Lectures and demonstrations upon recent morbid specimens, and upon many valuable preparations already in the Museum of the College.

Ample opportunities will be afforded the students to acquire a thorough practical knowledge of the microscopical appearance and modes of preparation of the different pathological conditions of the various organs and tissues of the body.

16. MEDICAL AND SURGICAL ANATOMY—(PROF. MUNDALL).

This course is given in accordance with the requirements of the Medical Council of Ontario. It is chiefly for final students, and embraces all the important branches of Anatomy as applied to Medicine and Surgery. The situation of the different internal organs, the course of Arteries, Veins and Nerves, and the prominent points of the body which serve as guides to the Physician and Surgeon, will all be pointed out on the cadaver and the course made as practical as possible.

17. PRACTICAL PHARMACY—(PROF. HERALD).

This course consists of 25 Lectures, illustrated by Pharmaceutical Preparations; the dispensing of Prescriptions, illustrating Chemical and Physical Incompatibilities; and the testing of Drugs especially so as to distinguish those which in appearance closely resemble each other.

BOOKS RECOMMENDED TO STUDENTS.

ANATOMY—Gray, \$6.50; Heath, \$4.50; Quain, \$10.80; Holden.

INSTITUTES OF MEDICINE—Kirke's Physiology, \$4.50; Foster's American Ed., \$4.50; McKendrick's.

MATERIA MEDICA, PHARMACY AND THERAPEUTICS—Bartholow's Materia Medica and Therapeutics, Hare's Practical Therapeutics, Mitchell's Bruce's Materia Medica and Therapeutics, Potter's Materia Medica, Pharmacy and Therapeutics.

PRINCIPLES AND PRACTICE OF SURGERY—Walsham and Bryant and Erichsen and Moulin's Surgery; for reference, any of the larger works. For "Minor Surgery," Heath's Minor Surgery and Bandaging.

THEORY AND PRACTICE OF MEDICINE—Roberts, \$5; or Osler; Duannes' Students' Medical Dictionary.

OBSTETRICS—Galabin's or Lusk's Midwifery, \$3; Baldy or Garrigue, \$3; Smith on Diseases of Children, \$5.

PATHOLOGY—Bolby, Green, Delafield.

CHEMISTRY—Goodwin's Text Book of Chemistry, Holland's the Urine, &c.

BOTANY—Gray's Structural and Systematic Botany, vols. 1 and 2.

MEDICAL JURISPRUDENCE—Reese's Medical Jurisprudence, \$3; for reference, Taylor and Tidy.

SANITARY SCIENCE—Wilson; Parke's, \$6.

HISTOLOGY—Shafer or Sterling.

ELEMENTARY ANIMAL BIOLOGY—Dr. Campbell.

PRACTICAL ANATOMY—Heath, \$4.50; or Ellis.

MUSEUM.

The Museum contains numerous and valuable Histological and Pathological Specimens, collected both from Hospital and private practice. A large number of models of plaster of Paris, etc., belong to the Pathological Department. Anatomy is fully illustrated by models of dissections of various parts of the body, especially the Brain, Heart and Lungs.

Specimens of Gall-Stones, Abscess of Liver from Acute Hepatitis, Petrification of the Gall-Bladder, Diseased Lungs, Affections of the Urinary Organs, Congenital Malformation of the Brain, Rectum and other organs; Abscesses of Kidneys, Ulceration of Intestines and other soft parts, and of bones; Diseases of Joints, Nodes, Calculi, etc., are amongst the many interesting objects contained in the Museum.

LIBRARY.

The Library of the University, to which students have access, is furnished with the Standard Text-Books and Works of Reference. The reading room is always provided with the leading Medical and Surgical publications and periodicals of the day.

SUMMER SESSION.

The Summer Session will commence on May 2nd, immediately after the Council Examinations. Full particulars will be announced soon after the opening of the Winter Session.

The fee for the Summer Session is \$20. Tickets may be obtained from the Dean of the Faculty. Botany, Analytical Chemistry and Sanitary Science will be taught during the Summer Session, and pass examinations on these subjects held at the end of the Summer Session.

College of Physicians & Surgeons of Ontario

SECTION I.

MATRICULATION.

1. Every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must on and after the 1st day of November, 1892, present to the Registrar of the College the Official Certificate of having passed the Departmental Art Pass Matriculation Examination. and in addition Physics and Chemistry, whereupon he or she shall be entitled to be so registered upon the payment of twenty dollars, and giving proof of identity.

2. Graduates in Arts, in any University in Her Majesty's Dominions, are not required to pass this examination, but may register their names with the Registrar of the College upon giving satisfactory evidence of their identity and certificate of qualifications, and upon paying the fee of twenty dollars.

3. Every Medical Student after Matriculating shall be registered in the manner prescribed by the Council, and this shall be held to be the preliminary to his Medical studies, which will not be considered to begin until after the date of such registration.

SECTION II.

MEDICAL CURRICULUM.

1. On and after the first day of July, 1892, every student must spend a period of five years in actual Professional studies, except as hereinafter provided; and the prescribed period of studies shall include four Winter Sessions of six months each and one Summer Session of ten weeks. The fifth year shall be devoted to Clinical work, six months of which may be spent with a Registered Practitioner in Ontario, and six months at one or more Public Hospitals, Dispensaries, or Laboratories devoted to Physiological or Pathological research, Canadian, British, or Foreign, attended AFTER being registered as a Medical Student in the

Register of the College of Physicians and Surgeons of Ontario,—
“But any change in the curriculum of studies fixed by the Council shall not come into effect until one year after such change is made.”

Homœopathic Students who attend four sessions at any Medical College where nine-month sessions are taught, to be held equal to four Winter Sessions, and one Summer Session of this College. This shall not in any way interfere with the Practical and Clinical work as prescribed by the Medical Council of Ontario for the fifth year.

2. Graduates in Arts or Science of any College or University recognized by the Council, who shall have spent a year in the study of Physics, Chemistry and Biology, and have passed an Examination in these subjects for Degree in Arts or Science, shall be held to have completed the first year of the five years of Medical Study, and will only be required to pass three years after graduating in attendance upon Medical Studies, and having spent one year thereafter in practical Clinical work before being admitted to their FINAL Examination.

No tickets for Lectures will henceforward be accepted by the Council unless it is endorsed thereon that the pupil had attended at least 75 per cent. of each course of said Lectures, as shown by the teacher's own roll.

3. Application for every Professional Examination must be made to the Registrar of the College of Physicians and Surgeons of Ontario two weeks prior to Examination. No application will be received unless accompanied by the necessary tickets and certificates, and by the Treasurer's receipt showing the fees have been paid.

4. Each “Six Months' Course” shall consist of not less than Fifty Lectures, and each “Three Months' Course” of not less than Twenty-five Lectures.

5. Every Student must attend the undermentioned courses of Lectures in a University College or School of Medicine approved of by the Council, viz :

Two courses of not less than six months each (in the different years), upon

ANATOMY.
PRACTICAL ANATOMY.
PHYSIOLOGY (including Histology).
THEORETICAL CHEMISTRY.
MATERIA MEDICA AND THERAPEUTICS.
PRINCIPLES AND PRACTICE OF MEDICINE.
“ “ “ “ SURGERY.
MIDWIFERY AND DISEASES OF WOMEN.
CLINICAL MEDICINE.
“ SURGERY.

One course of not less than six months each, upon
MEDICAL JURISPRUDENCE.
MEDICAL, SURGICAL AND TOPOGRAPHICAL ANATOMY.

Two courses of not less than three months each (in the different
years), upon
DISEASES OF CHILDREN.
PRACTICAL CHEMISTRY (including Toxicology).

One course of not less than three months each, upon
SANITARY SCIENCE.
PRACTICAL PHARMACY.

One course of ten Lectures upon
MENTAL DISEASES.

One course of fifty Demonstrations upon
PHYSIOLOGICAL HISTOLOGY.

6. Every candidate will be required to prove that he has
carefully dissected the adult human body.

7. Also must have attended the practice of a General Hospi-
tal for twenty-four months during the first four years of study.

8. Also must have attended six cases of Midwifery.

9. Also, must before being registered as a member of the
College of Physicians and Surgeons of Ontario, have passed all
the Examinations hereinafter prescribed, and attained the full
age of twenty-one years.

10. Graduates in Medicine from recognized Colleges outside
the Dominion of Canada, who desire to qualify themselves for re-
gistration, must pass the Matriculation required by the Council ;
and must attend one or more full Winter Courses of Lectures in
one of the Ontario Medical Schools, and must complete fully the
Practical and Clinical Curriculum required by the Council after

the fourth year, and shall pass before the Examiners appointed by the Council all the Examinations hereinafter prescribed, so as to complete fully the Curriculum.

11. That British Registered Medical Practitioners on paying all fees and passing the Intermediate and Final Examinations be registered, provided they have been domiciled in Britain for five years after becoming so registered.

SECTION III.

EXAMINATIONS.

1. The Professional Examinations are divided into three parts: a "Primary," "Intermediate," and "Final."

2. The Primary Examination shall be undergone after the second Winter Session, and the Intermediate after the third or fourth Winter Session, the Final after the fifth year.

3. The following branches shall be embraced in the Primary Examination:

- a.* ANATOMY.
- b.* PHYSIOLOGY AND HISTOLOGY.
- c.* CHEMISTRY (Theoretical and Practical).
- d.* MATERIA MEDICA AND PHARMACY.

4. Every Candidate for the Primary Examination will be required to present with his Lecture Tickets, a Certificate of having undergone and passed an Examination at the School he has attended at the close of his first Winter Session, on Primary Branches. Also a Certificate of ability to make and mount Microscopic Specimens.

5. Each Candidate for Final Examination must present a Certificate of attendance at six post mortem Examinations, and a Certificate of ability to draw up a Report of a Post Mortem Examination; and a Certificate of having reported satisfactorily Six Cases of Clinical Medicine, and Six Cases of Clinical Surgery, and of having attended twenty-five Pathological Demonstrations, and of having passed his Intermediate Examination. The Certificates to be signed by the Teachers referred to upon these subjects, or the Practitioner holding Post Mortem.

Also, all Candidates shall (except Arts Graduates) present a Certificate of having passed at the close of their third Session in the College or School they may have attended, an Examination in such parts of Medicine, Surgery, and Midwifery as may be thought advisable by the Faculties of the respective Colleges or Schools. This Examination is not in any way to interfere with any of the Examinations of the Council.

6. The following branches shall be embraced in the Intermediate Examination :

- a.* MEDICAL, SURGICAL AND TOPOGRAPHICAL ANATOMY.
- b.* PRINCIPLES AND PRACTICE OF MEDICINE.
- c.* GENERAL PATHOLOGY, THERAPEUTICS AND BACTERIOLOGY.
- d.* SURGERY, other than Operative.
- e.* SURGERY, Operative.
- f.* MIDWIFERY, other than Operative.
- g.* MIDWIFERY, Operative.
- h.* MEDICAL JURISPRUDENCE, INCLUDING TOXICOLOGY AND MENTAL DISEASES.
- i.* SANITARY SCIENCE.
- j.* DISEASES OF CHILDREN.
- k.* DISEASES OF WOMEN.
- l.* THERAPEUTICS.

7. The Primary and Intermediate Examinations shall be "Written" and "Oral." The Final "Oral" and "Clinical."

8. The following branches will be embraced in the Final Examination :

- a.* CLINICAL MEDICINE.
- b.* CLINICAL SURGERY (including Vaccination).
- c.* DISEASES OF WOMEN.
- d.* DISEASES OF CHILDREN, MEDICAL AND SURGICAL.

9. Any candidate who makes 60 per cent. in three or more branches, but fails in the others, shall receive credit for the subjects so passed and be compelled to pass in the other branches only at a subsequent Examination.

10. Candidates who intend to be examined by the Homœopathic Examiner in special subjects, shall signify their intention to the Registrar at least two weeks previous to the commencement of the Examination, in order that he may provide means of preventing their identification with the other Students, or by the Examiners.

11. In the event of any candidate signifying his intention to the Registrar to be examined and registered as a Homœopathic Practitioner, due notice of such must be submitted to the Registrar, so that the Examinations may be conducted by the parties appointed for that purpose ; prior to the acceptance of such notice from the candidate, the usual fees must be paid. In the event of any candidate presenting himself for such Examination, due notice must be given by the Registrar to the special Examiner.

12. The next Professional Examinations will be held in Toronto and Kingston on the second Tuesday in April, 1895.

SECTION IV.

FEES.

1. Fees after 1st of July, 1889 :

a. Registration of Matriculation.....	\$20 00
b. Primary Examination.....	30 00
c. Final Examination, including Registration.	50 00

This is not to affect any Student who is registered as a Matriculant prior to 1st July, 1889.

2. All fees must be paid in lawful money of Canada, to the Treasurer of the College.

3. No candidate will be admitted to any Examination until the fee for such Examination is paid in full.

4. Candidates who have failed in any Professional Examination shall pay a fee of Twenty Dollars for each subsequent Examination.

EXAMINATION PAPERS.

SENIOR PHYSIOLOGY.

1. Describe the structure and arrangement of the human lens. What changes does it undergo during accommodation? Give proofs.
2. What are the effects of section of the seventh cranial nerve?
3. What are the immediate, what the remote, effects of complete section of the spinal cord?
4. Explain the terms: *segmentation*, *polar globules*, *amnion*, *placenta*, *corpus luteum*.
5. Describe structure and functions of the true vocal cords. What is meant by the pitch of the voice? How regulated?
6. Describe the *canalis cochlearis* and the functions of its contents.

HONOURS.

1. Discuss as fully as you can the action of light upon the retina. On what portion of retina is it exerted? Give reasons for answer.
2. Describe fully the manner in which sound waves falling on tympanic membrane give rise to an auditory impulse. Why has the tympanic membrane no self-tone? What arrangement avoids self-tone in it?

JUNIOR PHYSIOLOGY.

1. Classify the principal chemical compounds which constitute blood, and show their relation to muscular tissue.
2. "Experiment shows that when an animal with normal blood pressure is bled from one carotid, the pressure in the other carotid sinks so long as the bleeding goes on, and remains depressed for a brief period after the bleeding has ceased."
 - (a) Explain the facts here mentioned.
 - (b) What are the facts when we reverse the experiment, that is, when we inject blood? Explain them.
3. (a) What are the functions of saliva?
 - (b) Describe its secretion and the nervous mechanism which regulates it.
4. How do the products of digestion get into the blood? What are the facts upon which your inferences are based?

5. Indicate briefly the principal effects of respiration upon the vascular system.
6. Give the composition of sweat and describe the mechanism of its secretion.
7. Discuss the physiological history of fat.

ANATOMY.

- | | |
|---|----|
| 1. Describe the upper end of the humerus | 10 |
| 2. (a) Give the origin and insertion of the Diaphragm, | 5 |
| (b) its nerve supply, | 2 |
| (c) its blood supply | 3 |
| 3. (a) Describe the stomach, | 10 |
| (b) give its relations, | 10 |
| (c) its nerve supply, | 2 |
| (d) its blood supply | 3 |
| 4. (a) What are the boundaries of the axillary space? | 15 |
| (b) its contents. | 5 |
| 5. (a) Give the dispositions of the Dura Mater, | 15 |
| (b) its nerve supply, | 5 |
| (c) its blood supply | 5 |
| 5. Give the nerve and blood supply of the hip joint | 5 |
| 7. Give the attachments of the Ilio-femoral ligament, long Plantar ligament and the external lateral ligament of the elbow joint. | 5 |

HONOURS.

1. Trace the course and give the distribution of the nasal branch of the Ophthalmic nerve.
2. Describe the Duodenum. Give its relations and blood supply.
3. Give the boundaries of the Inguinal Canal.

ANATOMY—JUNIOR YEAR.

- | | |
|--|----|
| 1. Name the bones of the Carpus | 10 |
| 2. What bones enter into the formation of the orbit? | 20 |
| 3. Give the origin and insertion of the Pectoralis major, Pronator radii Teres, Supinator Longus, Sterno Cleido mastoid, Vastus Internus | 20 |
| 4. Name the ligaments of the elbow joint and of the ankle joint | 15 |

5. Name the anatomical regions of the abdominal cavity, giving the contents of any one of them 20
 6. Describe the lower end of the Femur . , . . . 15
-

MATERIA MEDICA.—FIRST YEAR.

1. Define Tincture, Spirit and Syrup in their Pharmaceutical sense. What are the advantages and disadvantages of each as compared with the others?
 2. Define Styptic, Haemostatic, Oxytoxic, Alterative. Give an example of each.
 3. Hypodermatic Medication. What are its advantages as compared with medication by the mouth? How do the doses compare? What are the characteristics of medicines suitable for this form of medication?
 4. Give the Composition of Blaud's Pills, Hydrargyrum cum Creta, Compound Cathartic Pills.
 5. Describe the Physiological Action of Colmubo. Compare it with Quassia and Gentian.
 6. Give the doses of the following :—Sodae Salicylas, Aloes, Apomorphine, Chloral Hydrate, Sulphate of Copper, Elaterium, Extract of Male Fern, Syrup of Squill, Bichloride of Mercury.
-

MATERIA MEDICA AND THERAPEUTICS.—SECOND YEAR.

1. How would you determine the frequency with which a drug should be administered? Give examples.
2. Describe the main symptoms of Chronic Lead-Poisoning. Alum and Iodide of Potassium are both used as antidotes. Describe the mode of action of each.
3. Write a Prescription for an Expectorant Mixture with Chloride of Ammonium as the Basis. Describe the Physiological Action of Chloride of Ammonium. In what condition would your Prescription be employed?
4. Describe the Physiological action of Veratrum Viride. Compare it with Aconite.
5. What is Salol? For what purpose is it used? How does it prove curative?
6. Compare Iodoform and Aristol as Antiseptic Dressings. How is each applied?

HONOURS.

1. Compare the Action of Squill (1) with Digitalis and (2) with Ipecac. Give Contra-indications to its use as a Diuretic and as an Expectorant.

2. Describe the Action of Ergot on the Uterus during Labour. Give directions for its use in these cases. Compare its Action in these cases with that of Quinine.

3. How would you prepare a Vesical Injection of (a) Bichloride of Mercury and (b) of Boracic Acid? What precautions are necessary in their use? In what conditions are they employed? How do they prove curative?

SANITARY SCIENCE.

1. Describe the methods of testing the purity of the atmosphere as to the presence of Carbon dioxide, Aqueous vapour and Organic matter.

2. What are the physical characters of pure water, and to what causes may variations from these characters be due?

HONOURS.

3. What preventive measures are to be adopted to arrest the spread of Cholera, Typhoid fever, Small-pox and Scarlet fever? For how long should isolation be practised in each?

MEDICAL JURISPRUDENCE.

1. What are the symptoms and post mortem appearances of death from Coma, Syncope and Asphyxia.

2. Describe the symptoms and treatment of poisoning by Nitric Acid, Oxalic Acid and Carbolic Acid.

3. Describe the Chemical, Microscopic and Spectroscopic tests for blood.

4. What are the evidences of rape in an unmarried woman?

HONOURS.

5. Describe the symptoms of poisoning by Hydrocyanic Acid. Give the fatal dose and period. Describe the tests for it and state how long after death it may be recognized.

6. In the case of a person found dead, what circumstances should be taken into consideration in determining whether the death was suicidal or homicidal?

SURGICAL ANATOMY.

1. In Thecal Abscess involving flexor tendons of (1) Index, (2) Little finger; how far up may each extend? . . . 12
2. (a) Thoracotomy of left side in seventh intercostal space just in front of posterior fold of axilla, what structures are divided? 16
 - (b) Position of a line on surface marking great fissure of right lung. 6
3. (a) Situation of Gall Bladder on surface of body. . . . 4
 - (b) Marking of lower edge of liver as it crosses sub-costal angle. 6
 - (c) In Suprapubic Lithotomy (1) How is injury to peritoneum avoided? (b) What structures are divided in exposing bladder? 10
4. In tenotomy of Biceps Femoris, what nerve is in danger of being wounded? 6
5. Dislocation of Hip (a) where, as a rule is rent in capsule? 6
 - (b) On Dorsum Ilii, give anatomical reason for each step in reduction by manipulation. 16
6. In Symes' operation (a) chief blood supply of Heel flap. 10
 - (b) How does the fact of chief blood supply affect making of internal incision? 8

HONOURS.

1. Map on skull fissures of frontal lobe.
2. Effect produced by Paralysis of third nerve.
3. Describe anterior annular ligament of the ankle joint.

PATHOLOGY.

(One hour will be given for the written examination, questions 1, 2 and 3, and one hour for (4) the examination of specimens.)

1. Discuss the pathology of that form of Bright's disease known as granular degeneration of the kidney, and describe the condition of a kidney so affected.
2. Give the pathology of non-traumatic Aneurism from commencement to fatal termination.
3. Give the general characteristics of Sarcomatous Tumors, and describe the structure of Encephaloid Cancer.
4. Identify and describe the three mounted specimens marked A, B and C.

SURGERY—JUNIOR.

1. What is meant by the terms Ptomaine, Leukomaine, Ærobie, and Anærobie. Explain the process of Phagocytosis. 10
2. What are the Natural Hœmostatics? Name each and state its mode of action? 15
3. When may Counter Irritation be of benefit? Mention generally the forms employed. 15
4. How would you treat a Felon? Give reasons therefor. 12
5. Describe the usual kinds of Sutures and Knots. State a case for the use of each? 12
6. For what abnormal conditions is pressure employed? Mention any modes of application? 10
7. What are the differences between Syme's and Pigroff's operations? 12
8. Name the complications most liable to occur with wounds. 14

SURGERY.—FINAL YEAR.

1. Describe the changes in succession which tubercular deposit undergoes in bone; first giving the bones and parts thereof most liable to be attacked.
2. Give appearance of the prostatic urethra internally, its relations externally, and the two most common affections of the gland.
3. What are the signs of ruptured bladder? How would you treat it?
4. Give general diagnostic signs of Syphilitic affections of the skin. What is Colles' law?
5. What symptoms may follow the passage of instruments per urethram?
6. Give constitutional symptoms of severe hemorrhage.

HONOURS.

1. Name the micro-organisms of interest to the Surgeon. How do they cause disease?
2. Trace the motor tract from the cord through the Brain. Explain why paralysis may be in one side or the other.

3. Describe structure and attachments of the Y ligament. How does it affect luxation backward?

JUNIOR OBSTETRICS AND GYNÆCOLOGY.

1. Describe some abnormal conditions of the Placenta. 25
2. Define "presentation" and "position" and name the various acts in the mechanism of normal labor. . . . 30
3. How diagnose a Face presentation and treat a Breech case? 25
4. Symptoms and treatment of Retroversion. . . . 20

HONOURS.

1. Diagnosis and treatment of Menorrhagia. . . . 20
2. Post mortem appearances and pathology of Phlegmasia Dolens. 50
3. Causes and treatment of infantile convulsions . . . 30

SENIOR OBSTETRICS AND GYNÆCOLOGY.

1. Symptoms, differential diagnosis and treatment of Accidental Hemorrhage. 18
2. Indications and mode of performing Symphysiotomy . 14
3. Premonitory symptoms and pathology of puerperal Eclampsia. 18
4. What is Urethral Caruncle? How would you treat it. 10
5. Describe the causes and pathology of Pelvic Inflammation, tracing a case of Endometritis which has terminated in Pelvic Abscess 20
6. What is the most common cause of Pelvic hematocele? How would you treat it? 20

HONOURS.

1. Cause and treatment of Occipito-posterior positions . 30
2. Symptoms and treatment of Gonorrhœal Urethritis . 20
3. Describe "bottle feeding" for an infant up to the 5th month 50

PRACTICE OF MEDICINE—SENIOR.

1. In what cases are phosphates occasionally deposited in the urine?
2. In what cases are phosphates continuously deposited in the urine?
3. What are the conditions of the system associated with the deposit of urates?
4. What is Emphysema of the Lungs?
5. What physical signs would you find in a chronic case? State what they are due to.
6. Diagnose and treat a case of Ulceration of the Stomach in a young person.
7. What are the prominent symptoms and complication of fibrosis of the Kidney?

HONOURS.

1. Mention in order of occurrence the principal morbid changes and disturbances produced by Mitral Stenosis.
2. In connection with what sound of the heart and at what point is the murmur heard in Mitral Stenosis?
3. What do you mean by compensation as it occurs in the heart? In what cases is it most apt to occur? What influence has compensation on the course of the disease?

PRACTICE OF MEDICINE—JUNIOR.

1. Diagnosis functional from organic Paraplegia.
2. Give shortly the treatment of Sporadic Dysentery.
3. What is the character of the vomiting dependent upon irritation or inflammation of the membranes of the Brain?
4. Diagnose Trichinosis from Acute Rheumatism.
5. Where does the eruption first appear and on what day in Measles, Scarlet Fever and Small-pox?
6. Define Therapeutics, Pathology, Septic, Malarial, Infection, Contagion, Immunity, Crisis, Lysis, Resolution.

MEDICAL EXAMINATIONS, 1894.

PASSED FOR THE M.D. AND C.M.

Allen, James Ross.....	Bath,
Anderson, William J.....	Glenstewart.
Boucher, Joseph A.....	Charlo, N.B.
Connell, W. T.....	Spencerville.
Farley, F. J.....	Brighton.
Fitzgerald, G. D.....	Peterboro'.
Fulton, Cyril.....	Iroquois.
Kinsley, P. J.....	Wolfe Island.
Leahy, B. J.....	Kingston.
Morden, J. W.....	Picton.
Myers, A. R.....	Forfar.
McCutcheon, W. C.....	Seeley's Bay.
Parlow, A. B.....	Iroquois.
Sands, W. W.....	Sunbury.
Seager, James.....	Ottawa.
Stevenson, J. A.....	Stella.
Williams, H. G.....	Vancouver.
Young, W. A.....	Kingston.

UNIVERSITY MEDALS.

Walter T. Connell, Spencerville, Ont.,	} equal.
W. Morden, Picton, Ont.,	

HOUSE SURGEONS.

Walter J. Whittiker.....	North Williamsburg.
Hugh S. McDonald, B.A.....	Kingston.
George Stewart.....	Elmside.

LIST OF GRADUATES.

M.D.

1855.

Chambers, Daniel	Deceased.
Douglas, W. Robert	Deceased.
Dunbar, Samuel	Deceased.
Herriman, Weston Leroy	Lindsay.
Hiller, William	Deceased.
Mercer, John G	Deceased.
Scott, Wm. S.	Southampton.
Spafford, H. W.	Deceased.
MacKellar, Dugald	Deceased.

1856.

Brown, Marshall J	Kingston.
Campbell, John H.	Deceased.
Corbett, George H	Orillia.
Franklin, Benjamin	Port Burwell,
Yates, Octavius	Deceased.

1857.

Bell, James M	Deceased.
Bowers, Samuel S	Fond du Lac, Wis.
Chisholm, H. F.	Deceased.
Crawford, Joseph	Arnprior.
Joy, Sylvanus	Tilsonburg.
Laidlaw, Alex. R.	Deceased.
Lawlor, Michael	Deceased.
Macdonald, Alex. R.	Brighton.
Pereault, Julien	San Francisco, Cal.
Thibodo, Oliver	Arizona.

1858.

Benson, John R	Deceased.
Bethune, Alexander	Toronto.
Davis, R. H.	York, Grand River.
Evans, Henry	Deceased.
Elmer, William H	Spokane Falls, Wash.
Hackett, Joseph	Deceased.
Henderson, Donald	Winnipeg, Man.
Mostyn, William	Deceased.
Smith, George	Deceased.
Sweetland, John	Ottawa.
Sullivan, Michael	Kingston.

1859.

Bird, Francis W	Deceased.
Boyle, Arthur A	Lisle.
Campbell, George	
Cluness, William R., B.A.	San Francisco.
Day, H. W	Belleville.
Ferguson, Charles F	Kemptville.
Foster, Robert J	Deceased.
Henderson, William	Deceased.
Lambert, Robert	Windsor.
Morden, John H	Deceased.
McLean, Caird R., M.R.C.S., 1879	Meaford.
Sparham, George S	Kemptville.

1860.

Bird, Nelson J.....	San Francisco.
Chanonhouse, Thomas.....	Deceased.
Cranston, James G.....	Arnprior.
Dupuis, Thomas R., M.R.C.S., 1881.....	Deceased.
Giles, John G.....	Brockville.
Horsey, Edward H.....	Deceased.
McKenzie, Edward.....	Smith's Falls.
Roche, William P.....	Deceased.
Rose, George S.....	Deceased.
Spooner, George D.....	Deceased.
Trousdale, James C.....	Deceased.

1861.

Anderson, William J.....	Winchester Springs.
Blakely, Robert.....	Deceased.
Cogan, Jeremiah R.....	Deceased.
Corry, Robert.....	Deceased.
Deans, William C.....	Deceased.
Dunlop, Neil.....	Sydenham.
Farrell, John T.....	Deceased.
Fraser, John M., B.A., M.R.C.S., 1864.....	Deceased.
Kelly, David.....	Deceased.
Kelly, Edward J.....	Deceased.
Kemp, J. A.....	Deceased.
O'Reilly, Anthony.....	Deceased.
Parker, Robert.....	Stirling.
Ramsay, Robert.....	Deceased.
Taylor, William E.....	Brisbane.
Thirkell, William G.....	Sodus, N. Y.
Weir, William.....	Deceased.

1862.

Black, William A.....	Deceased.
Branigan, P. R.....	Deceased.
Chamberlain, Theodore F.....	Toronto.
Day, B. W.....	San Diego.
Fee, S. H.....	Kingston.
Harrison, Thomas S.....	Selkirk.
Hamilton, David.....	Batavia, N. Y.
Johnston, Absalom H. J.....	Lockport, N. Y.
Kellock, J. D.....	Perth.
Meadows, R. W.....	H. M. Service.
McKenzie, Andrew.....	Deceased.
Macdonald, J. A.....	Port Arthur.
Macpherson, Alexander.....	Deceased.
Reily, Adrian.....	Welland.
Skinner, Henry.....	Deceased.
Spencer, Henry.....	Deceased.
Switzer, Wilson Henry.....	Deceased.
Thibodo, Robert.....	Deceased.
Tracy, Robert.....	Belleville.
Young, Daniel.....	Conway.

1863.

Aylesworth, Arch. R.....	Deceased.
Beckett, James.....	Deceased.
Bray, John L.....	Chatham.
Chanonhouse, John.....	Eganville.
Coleman, William F.....	163 State St., Chicago

Dickson, John R.	Deceased.
Elwell, W. D.	Deceased.
Ferguson, Ed. G.	Macon, Georgia.
Ferguson, R. B.	Deceased.
Howells, Thomas B.	Deceased.
Ingersoll, Isaac F.	
Irwin, Chamberlain A.	Deceased.
Kennedy, R., L.R.C.S., Edin., 1843, M.D. Univ. St. Andrew, 1843.	Bath.
Kincaid, Robert.	Olympia, W.T.
Lavell, Michael.	Kingston.
Litchfield, J. P.	Deceased.
Moore, Andrew.	Deceased.
McCammon, James.	Deceased.
McLean, Thomas F.	Goderich.
Nichol, James.	Deceased.
Oliver, Alfred S.	Kingston.
Ross, Thomas K.	Fredonia, N.Y.
Ruttan, Joseph B.	Wellington.
Shirley, Joseph W.	Watford.
Smith, John R.	Deceased.
Sullivan, Thomas.	Deceased.
Watson, Charles V.	Wellington.
Wilson, John R.	Deceased.
Yates, Horatio.	Deceased.
Yeomans, Horace P.	Deceased.

1864.

Righam, Hugh.	Deceased.
Comer, A. T.	New York City.
Davidson, Myers.	Deceased.
Dunn, Andrew T.	North Augusta.
Fenwick, T. M.	Kingston.
Fox, Edward C.	
Gleeson, James.	Deceased.
Grasse, Sidney D.	Deceased.
Hoare, Walter W.	Strathroy.
Milliner, W. S.	Oswego.
McIntyre, Duncan.	Glencoe.
Preston, Robert H.	Newboro.
Searls, Abraham W.	Deceased.
Taylor, James.	Tara.
Thornton, William M.	Deceased.
Wartman, Philander C.	Deceased.

1865.

Agnew, John.	Deceased.
Bell, Alexander.	Lakefield.
Bigham, John.	Deceased.
Bowen, Robert.	H. M. Service.
Deans, George.	Trenton.
Heggie, David.	Brampton.
Horsey, Alfred.	Ottawa.
Kertland, Edwin H.	Toronto.
Massie, John.	Deceased.
Morden, James B.	Picton.
McLaren, Alexander.	Lancaster.
Neish, James.	Kingston, Jamaica.
Reeve, Richard A.	Toronto.
Tracy, Thomas B.	Deceased.
Weeks, W. J.	Ottawa.

1866.

Armstrong, Alfred	Deceased.
Beattie William	Wayran.
Bell, John	Deceased.
Darragh, R. J.	Portsmouth.
Jones, Henry M.	Marmora.
Kahkewaquonoby	Hagersville.
Lake, Charles B	Ridgetown.
Mark, Robert	Ottawa.
Newton, John	Deseronto.
Price, Robinson B	Kingston.
Somerville, James A	Marionette, Wis.

1867.

Armstrong, Albert	Arnprior.
Campbell, Joseph	Paisley.
Dugdale, John J.	Deceased.
Howell, George W	Tweed.
Meagher, Daniel	Montreal.
Monro, John C.	South Finch.
Munro, David	Perth.
Patterson, James R.	Port Elgin.
Valleau, George Z.	
Wafer, Francis M.	Deceased.
Walker, Allen H.	Toronto.

1868.

Abbott, Samuel A.	Deceased.
Bingham, James	Peterboro.
Booth, Donald B.	Odessa.
Bleasdel, Charles E.	Deceased.
Clark, James	Bay City, Mich.
Corbett, Henry T	Deceased.
Dickson, John R.	Deceased.
Erly, Francis W. J.	Deceased.
Johnstone, David	Kincardine.
Nesbitt, Edward	Deceased.
Oliver, John K.	Deceased.
O'Sullivan, John	Deceased.
Rockwell, Albert	West Duluth, Minn.
Saunders, Lawrence	Deceased.

1869.

Alexander, James A.	Deceased.
Alway, Enoch	Binbrook.
Bethune, Henry T	Clanbrassie.
Bice, Mark	Arva.
File, Albert	Ameliasburg.
Fraser, Anson S	Sarnia.
Harvey, Albert E	Wyoming.
Hendry, George	Deceased.
Hillier, Solomon C.	Bowmanville.
Leavitt, Arven S	Toronto.
Mann, James	Renfrew.
Purdy, Chas. W.	163 State St., Chicago.
Saunders, Herbert J., M.R.C.S., 1870	Kingston.
Spooner, Hiram S.	Deceased.
Stewart, Alex. J.	Angus.
Stowell, Olmsby O	Madoc.
Vanlack, Gilbert J.	Deceased.
Wilson, Charles J. C.	Montreal.

1870.

Bridgland, Samuel	Bracebridge.
Dumble, W. C.	Toronto.
Hodge, George	London.
Matheson, Murdock	Waverly, N. S. Wales.
Moore, Vincent H.	Brockville.
Potter, Levi	Enniskillen.
Rutherford, James	Orono.
Sayers, Alexander	Marion, N.Y.
Sievwright, James A.	Deceased.
Thornton, Thomas	Consecon.

1871.

Bernard, Gerald	Newcastle-on-Tyne, E
Chaffey, Ellwraith, L.R.C.P., Edin., 1872, L.R.C.S., Edin., 1872	Santa Monica.
Day, W. D. P. W.	Deceased.
Fairbairn, Alexander C	Minneapolis.
Gillies, Neil	Winnipeg.
Gunsolus, Kenneth	Detroit, Mich.
Higinbotham, William	Omemece.
Houston, William R.	Chatham.
Kidd, Edward, L.R.C.P., Edin., 1876, Lic. Mid., 1876	Picton.
Lafferty, James	Calgary.
Van Allen, John R.	Kansas City.
Young, David	Lower Fort Garry.

1872.

Brien, James	Essex Centre.
Clarke, John	Peterboro.
Gerin, John	Auburn, N.Y.
Rockwell, Ashbel S.	Rochester, N.Y.
Rourke, Francis	Dublin, Ont.

1873.

David, Alfred	Atlantic Mines, Mich.
Kennedy, Jacob B.	N. S. Wales.
Lavell, Charles H	Deceased.
McLennan, Alexander S.	277 S. Halsted, Chicago
McAdam, S. T.	Battleford.
McMahon, James	Texarkana, Texas.
Purdy, Alvanly	Grand Falls, Montana.
Spear, Hugh	Toronto.
Walkem, W. W.	Nanaimo, B.C.

1874.

Claxton, William	Verona.
Fenwick, Kenneth N., M.R.C.S., 1875	Kingston.
Ford, Herbert Douglas	Chicago.
Gibson, Andrew M	Deceased.
Jones, John	Kemptville.
Lane, Joseph W.	Mallorytown.
McLean, Solomon C	Spencerville.

1875.

Betts, Alfred H	Deceased.
Carscallen, Allen B	Enterprise.
Deynard, Adelbert	Manhattan Eye & Ear N.Y.
Dingman, W. E.	Listowell.
Dowsley, David H., M.R.C.S., 1878	Kingston.
Masson, Thomas	Capec Vincent.
Potter, Samuel	Deceased.

Preston, Richard	Carleton Place.
Tuttle, Leslie	Tweed.

1876.

Case, George H	Deceased.
Davis, Ransom A.	Easton's Corners.
Kennedy, Alexander	Port Arthur.
Murphy, John Bernard	Mimico.
Potter, Thomas	Ottawa.
Yourex, John McGill	Tamworth.

1877.

Bowen, George	Seeley's Bay.
Day, Jonathan	Deceased.
Dowsley, George C	Owen Sound.
Dumble, Thomas H	Deceased.
Higgins, Edward M	Hot Springs, Ark.
Holmes, F. S. Leroy	Kemptville.
Hourigan, Andrew R.	Peterboro.
Hubbs, H. A. M.	Bay City, Mich.
Miller, Lindsay F	Toronto.
McNicholl, Eugene E	Cobourg.
Phelan, Daniel	Kingston.
Scovill, Simmons	Rat Portage, Keewat'n

1878.

Beeman, Thomas W	Smith's Falls.
Bennett, Henry	Sullivan.
Clinton, George	Belleville.
Craig, Hugh A.	Cobourg.
Evans, Henry	Deceased.
Hossie, Thomas R.	Gouverneur, N.Y.
Kennedy, William R.	Chattenham.
Kidd, Peter E	Midland City.
Lewis, Frederick	Orangeville.
Lynch, Dennis P	Almonte.
MacArthur, James	London.

1879.

Abbott, Rodney H	Cumber.
Clark, William	
Cleaver, J. C. C.	Montserrat, Trinidad.
Cleaver, William T	Wigan, Eng.
Donovan, P. C.	Langdon, N. Dakota.
Henderson, W. H., M.R.C.S., 1880	Deceased.
Horton, Robert N., L.R.C.P.S. Edin., 1886, Lic. Mid., 1886, Lic. Fac. P.S., Glasgow, 1886	Brockville.
Judson, George W	Lyn.
Kilborn, Roland	Kingston.
Lafferty, William A	Deceased.
Leonard, Raymond	Napanee.
McCammon, James A	Gananoque.
McCullough, William S.	Deceased.
Newlands, George	Seattle.
Ward, George C. Tremaine	Napanee.

1880.

Chown, Henry H	Winnipeg.
Clark, J. G.	Meaford.
Day, Lewis E	Deceased.
Dickson, Charles R	Toronto.
Empey, Charles T	Cross Hills, Leeds, Eng

Galbraith, John E.	Deceased.
Knight, John H.	Wallaceburg.
McFadden, Murdock.	Mount Forest.
Odium, John.	Sparta, Co. Simcoe.
Reeve, Henry H.	Almonte.
Waddell, W. H.	North Augusta.
Wilson, Thomas.	Tara.

1881.

Alexander F. R.	Deceased.
Betts, J. Howard, M.R.C.S., 1883.	Wolfe Island.
Coughlin, Richard.	Hastings.
Gibson, W. J.	Belleville.
Herrington, A. W.	Deceased.
Jamieson, John.	Deceased.
Johnston, D. A.	Deceased.
Lavell, William A.	Deceased.
McConnell, B. J.	Morden, Man.
McGurn, J. S.	Deceased.
Oldham, Edward.	Chatsworth.
O'Shea, James.	Deceased.
Reid, W. D.	Barre, Vt.
Rogers, D. H.	Gananoque.
Snider, S. H.	
Symington, T. J.	Camlachie.
Wallace, David.	Metcalfe.

1882.

Anglin, R. S.	Omaha.
Cameron, A. D.	Lancaster.
Cornell, A. P.	Gravenhurst.
Coutlee, H. N.	Sharbot Lake.
Denike, G. M.	Fulton, N Y.
Dupuis, J. M.	Philadelphia, Penn.
Garrett, R. W.	Kingston.
Jarvis, Charles E.	London.
Knox, Henry.	Shawville, Que.
Koyl, F. T.	Ada, Man.
Macdonald, Hugh N.	Lake Ainslie, C.B.
Mordy, G. A.	Ashton.
Reeve, John L.	Clinton.
Rutherford, D. B.	Morrisburg.
Stewart, J. M.	Chesley.

1883.

Anglin, W. G., M.R.C.S., 1884.	Kingston.
Clancy, Charles C.	Port Huron.
Cryan, John.	Demorestville.
Davis, L. T.	Nanaimo, B.C.
Froiland, Herman M., L.R.C.P. Edin., 1885, Lic. Mid.	Deceased.
Kidd, John F.	Ottawa.
Hickey, Daniel C.	Kingston.
McGhie, George S.	Elgin.
McMurchy, A.	North Bay.
Moore, Thomas A.	Westville, N.S.
Page, Thomas A.	Brockville.
Smith, R.	Evans' Mills, N.Y.
Young, W. J.	Deceased.

1884.

Bullis, W. H.	Dresden.
Cartwright, R. C.	Rochester, N.Y.

Cumberland, Thomas.	Deceased.
Duff, H. Ramsay.	Newburg.
Emery, H. J.	Crosswell, Sanilac Co., Mich.
Forresee, Edgar, L.R.C.P. Edin., 1884.	Brockville.
Forin, A. W.	West Duluth, Minn.
Fraser, R. N.	Thamesville.
Foxton, E.	Toronto.
Herald, John.	Kingston.
Mackie, D. H.	Belleville.
McCammon, C. Gordon.	Deceased.
Stirling, J. G.	Hamilton, Bermuda.
Webster, W. J.	White Lake, Aurora Co, Dak.
Williams, Herbert S.	Mount Vernon, Dak.

1885.

Bertram, T. A., L.R.C.S I., 1886.	Dundas.
Clark, C. W. D.	Tamworth.
Cunningham, Harry C.	Carman, Man.
Dawson, Henry.	Cape Vincent, N.Y.
Dwyre, Andrew.	Westport.
Ford, H. B.	Moorwood.
Hooper, E., Lic. Soc., Apoth, 1886.	Toronto.
Kyle, William A.	North Winchester.
Roy, Henry	Chisholm.
Russell, D. H.	Mankato, Minn.
Spankie, William.	Wolfe Island.
Stirling, James A	Picton.

1886.

Beeman, W. C.	
Bruce, F.	New Lothrop, Mich.
Burdett, H. E.	Minneapolis.
Casselman, J.	
Collins, C.	Deceased.
Conerty, J. M.	Winchester.
Cornell, S. S.	Athens.
Coy, W., M.R.C.S., 1887.	674 N. Wells St. Chic'go
Creeggan, J. G.	Delta.
Dame, A. A.	Toronto.
Dixon, M. L.	Frankville.
Donovan, E. I.	Necher, North Dakota.
Foley, D. E.	Westport.
Galligan, T. G.	Renfrew.
Hamilton, J. A.	Deceased.
Hanna, J. E.	Ottawa.
Heath, F.	Brantford.
Jack, J. G.	Avon Park, Florida.
Jamieson, A.	North Gower.
Lane, I. J.	North Williamsburg.
McCardell, E. J.	Wangaratta, V., N.S.W
McLaughlin, E.	Morrisburg.
McVety, A.	Toledo, Ohio.
Mather, W. M.	Tweed.
Mellow, S. J.	
Mundell, D. E.	Kingston.
Mundell, John	Kingston.
Nimmo, J. H	Brockville.

Patterson, Richard L	537 Franklin St., Buff'o
Pitblado, C	
Shaw, J. M.	Lansdowne.
Smith, F. B.	Watertown, N. Y.
Storms, D. G.	Hamilton.
Watts, E. J.	Franktown.
Wright, E. W.	Brooklyn, N. Y.
White, A. N.	Casenovia, N. Y.

1887.

Allen, A. G	Deadwood, S. Dakota.
Anderson, J. J.	Winchester Springs.
Anglin, J. V.	Montreal, Que.
Beeman, T. A.	Bancroft.
Begg, J.	Dalhousie, N. B.
Cameron, Dan	Arnprior.
Dunlop, J. D.	Alpena, Mich.
Errett, A. J.	Deceased.
Ferguson, A. G.	Dalhousie.
Fisher, A. J.	Brigden.
Freeman, A. E.	Inverary.
Gallagher, M.	Campbellford.
Gibson, A. E.	Oakland, Ohio.
Hart, J. F.	Huntsville.
Hart, W. M.	Prescott.
Hay, William.	Antwerp, N. Y.
Heslop, J. E.	Port Dover.
James, M.	Mattawa.
McEwen, Ewen	Franktown.
Mabee, J. E.	Odessa.
Mabee, M.	Riverside, Cal.
Neish, W. D.	Kingston, Jamaica.
Pirie, Alex. F.	Cartego.
Rainstead, H.	Ottawa.
Scales, Thomas	Deceased.
Thorne, S. H.	Brighton.
Warner, A. F.	Napanee.

1888.

Baker, T. C.	Windsor.
Chamberlain, W. P.	Morrisburg.
Connell, J. C.	Kingston.
Cooke, W. H.	Minneapolis.
Downing, W. H.	Deceased.
Fraser, J. B.	Toronto.
Gillis, A. B.	Bass River, N. S.
Horsey, E. H.	
Jamieson, D.	South Finch.
Jamieson, T. J.	Kars.
Koyle, F. H.	Brockville.
Livingston, J. S.	Deceased.
Mabee, C. G.	New Providence, Iowa.
Mallory, C. N.	Delta, Leeds.
Maxwell, W. J.	Castle Rock, Colorado.
McCammon, S. H.	Kansas City.
McGillivray, T. S.	Hamilton.
McGrath, E.	Peterborough.

O'Neil, T.	Deceased.
Pratt, W. F.	St. Paul, Minn.
Pratt, Wilton	Carleton Place.
Robertson, J. W.	Hopewell, N.S.
Robinson, R. P.	Ottawa.
Scott, P. J.	Southampton.
Smellie, D. McK.	Madoc.
Walker, A. D.	Belleville.
Whitney, A. W.	St. Paul, Minn.
Wright, T. A.	Russell, Manitoba.

1889.

Belch, John A.	Syracuse, N.Y.
Buchanan, H. M.	St. Lawrence, N.Y.
Campbell, A. L.	Rochester, N.Y.
Chanonhouse, R. C., B.A.	Harrowsmith.
Cloutier, Felix	Crysler.
David, W. C.	South Bay, Mich.
Drummond, P.	Grant, Mich.
Duff, John	Deceased.
Elliott, Arthur	523 39th St., Chicago.
Emery, G. F.	Gananoque.
Freeland, A.	Ottawa.
Gardiner, S. H., B.A.	Brooklyn, N.Y.
Grant, Norman, B.A.	Waipairo, New Zealand.
Graham, H. C. W.	Brewster.
Harkness, F. B.	North Gower.
Harvie, William D.	Hillsboro, Dak.
Hilker, Adam E.	Jamaica.
Holdcroft, Joseph	Merrickville.
Johnston, W. H.	Almonte.
Kilborn, Omar L., B.A.	China.
Lanfear, Henry O.	Lakefield.
Little, W. C.	Dimboold, Vic., Aus.
Mavety, Alex. C.	Odessa.
McGrath, Michael E.	183 W. Madison A., Chic.
McKillop, James T.	Wardsville.
Mitchell, H. F.	Lakeville, Indiana.
Northmore, Harold S.	Bath.
Patterson, James A.	Port Elgin.
Rankin, W. H.	Brooklyn, N.Y.
Robinson, Andrew	
Ryan, Edward	Kingston.
Sands, Ernest	Cold Springs.
Snider, Elias T.	Cataraqui.
Stewart, Alexander	Renfrew.
Tilman, H. G.	Jamaica.
Walker, S. R.	Papineau, Iro. Co., Ill.

1890.

Bell, J. H.	Kingston.
Camelon, T. P.	Chicago.
Campbell, J. S.	Rochester.
Cameron, W. A.	Kemptville.
Chown, A. P.	Kingston.
Clerihew, E. M.	W. 47th St., New York.
Coon, D. A.	Elgin.

Cunningham, D.	Kingston.
Dixon, A. F.	Toronto.
Dixon, J. H.	Brockville.
Dupuis, E. L.	Seattle.
Earl, W. M.	Bishop's Mills.
Gandier, A.	Avon Park, Florida.
Gray, W. A.	Pembroke.
Hayunga, George	400 Canal St., New York
Herald, Wilson	Vancouver, B.C.
Holdcroft, W. T.	Deseronto.
Kellock, T.	Fullerville Mines, N.Y.
Lockhart, G. D.	Florence.
McKenty, James	Neché, North Dakota.
MacPherson, W. A.	Dexter, N.Y.
Miller, J. C. S.	Seattle.
Mitchell, C. T.	South Bend, Ind.
Morgan, E. M.	Kingston.
Neish, J. G.	Jamaica.
Patterson, J. N.	Okiowa, Neb.
Pirie, H. H.	Dundas.
Phelan, Leo.	Sioux City.
Reid, J. D.	Cardinal.
Shannon, J. R.	New York.
Todd, S. G.	Woodland, Indiana.
Watts, T. E.	Natural Bridge, N.Y.

1891.

Burrows, John G.	Napanee.
Brady, James	Camden, N.Y.
Campbell, James W.	Kingston.
Carmichael, Andrew	Sundridge.
Davis, Sidney N.	York.
Echlin, E. B., B.A.	Ottawa.
Empey, William A.	Briston's Corners.
Foley, Ignatius J.	Deceased.
Fowkes, John T.	Ormar, Jeff. Co., N.Y.
Gardiner, Robert J.	Seeley's Bay.
Genge, William W.	Wolfe Island.
Gibson, James F.	Kingston.
Green, Samuel D.	Marquette, Mich.
Haig, Andrew, M.A.	Menie.
Harrison, Edgar D.	Madoc.
Herald, Dundas	Longley, B.C.
Johnston, William J.	Almonte.
Kennedy, John T.	Fort McKavett, Tex.
Kidd, William E.	Kingston.
Lavers, Frank C.	New Ross, N.S.
Meecham, George P.	Limestone, N.Y.
Moore, John	Plainfield.
McColl, Allen E., B.A.	Belleville.
McCuaig, John A. E.	Danville, Penn.
McLean, Ernest H.	Revelstoke, B.C.
MacLennan, Duncan N.	Port Hope.
McLennan, James A.	Economy, N.S.
McNee, J. Edwin	Perth.
Oldham, John H.	Yarker.
Raymond, Nelson	New Rochelle, N.Y.
Robinson, E. B.	Rodney, Monona Co., Iowa.

Ryan, Michael D.	Oates.
Scott, William J	Lanark.
Spankie, James E.	Kingston.
Stuart, William A., B.A.	Clarenceville, Que.
Valleau, Arch. J	Wolcott, Vermont.
White, James W.	Branchton.
Wilson, Arthur C.	

1892.

Adams, George T. C.	Sydney, Australia.
Adams, Joseph.	Kingston.
Adamson, Herbert A.	Ottawa.
Balfe, Thomas H.	Hamilton.
Barber, Albert E	Mishawaka, Ind.
Belton, William J	Clayton.
Birmingham, Francis H.	Kingston.
Bissonnette, Julien D., B.A.	Napanee.
Bourns, Thomas C.	Addison.
Bourns, William H.	Addison.
Denaut, Henry D.	Delta.
Douglass, Henry E.	Muncio, Ind.
Gibson, James C.	New Harper, Mich.
Hare, W. G.	Bay City, Mich.
Kelly, John J., B.A.	Bell's Corners.
Kemp, J. A.	Indian Head, N.W.T.
Kirk, Frederick J., B.A.	New York.
Lent, Edwin J.	Lakeville, Ind.
Lockhart, Alfred J.	Harrowsmith.
Melville, Edmond J.	Bakersville, Vermont.
McCammon, Fred. J., B.A.	Kingston.
Robinson, Robert R.	Albarni, B.C.
Scott, Thomas B., B.A.	Ceylon.
Smith, George H. W.	Sydney, Australia.
Stevens, Nathaniel T.	Ashkum, Ill.
Sullivan, Dennis V., B.A.	Kingston.
Thompson, William B.	Kingston.
Tuttle, Henry E	Iroquois.
Wheeler, James W.	Cornwall.
Wood, I., M.A.	Kingston.

1893.

Austin, G. H.	Cairo, N.Y.
Barker, A. N.	Fenwick.
Black, B. F.	
Countryman, J. E	Drayton, N. Dakota.
Cormack, J. H.	Kingston.
Gibson, J. J.	Alexandria, Ind.
Gibson, J. L	Cherry Valley.
Giles, G. C.	Brockville.
James, H. J.	Sioux Falls.
Joyner, N. P.	Clayton, N.Y.
Locke, J. A.	Iroquois.
Leavitt, M.	East Hatley, Q.
Minnes, R. S., M.A.	Kingston.
Malcolm, W. G.	Chesley.
Murphy, J. E	Portland, Leeds Co.
McDonnell, H.	Deceased.
McGrath, G.	

Neville, M. J.	Kingston.
Robertson, A. C.	Madoc.
Ruttan, F. S.	Sydenham.
Ryan, C.	Barriefield.
Smith, R. G.	Oakland, Iowa.
Walkinshaw, W.	Campbellford.

FELLOWS.

Bethune, Alexander.	Wingham.	1874
Bray, John L.	Chatham.	1890
Cluness, William B.	Sacramento, Cal.	1871
Day, Henry W.	Trenton.	1890
Dickson, John R.	Deceased.	1866
Dupuis, Thomas R.	Deceased.	1871
Fenwick, Kenneth N.	Kingston.	
Fowler, Fife, L.R.C.S. Edin, 1846, M.D. Marisch College, Aberdeen, 1858	Kingston.	1866
Fox, Joseph F., M.P., House of Commons, England	Queenstown, Ireland.	1892
Henderson, Donald.	Winnipeg.	1886
Horsey, Edward H.	Deceased.	1886
Irwin, Chamberlen Arthur.	Deceased.	1886
Kennedy, Roderick, L.R.C.S. Edin., 1843, M.D. Univ. St. Andrew, 1843.	Bath.	1866
Lavell, Michael.	Kingston.	1866
McLean, Donald, M.D. Univ. Edin., 1862.	Detroit, Mich.	1866
MacIntyre, Duncan.	Glencoe.	1893
Mark, Robert.	Ottawa.	1871
Matheson, Murdoch.	Waverly, New South Wales.	1886
Moore, Vincent H.	Brockville.	1890
Neish, James.	Kingston, Jamaica.	1874
Oliver, Alfred S.	Kingston.	1873
Preston, Robert H.	Newboro.	1890
Purdy, Charles W.	Chicago.	1886
Reeve, Richard A.	Toronto.	1866
Saunders, Herbert J.	Kingston.	1871
Sullivan, Michael.	Kingston.	1866
Walker, A. Holford.	Toronto.	1891
Yates, Horatio.	Deceased.	1871
Yates, Octavius.	Deceased.	1871

LICENTIATES.

Abbott, Samuel.	Deceased.	1872
Adams, G. T. C.	Sidney, N.S.W.	1892
Alexander, James.	Deceased.	1869
Alway, Enoch.	Binbrook.	1860
Balfe, Thomas H.	Hamilton.	1892
Barnes, Leander.	Murray River, P.E.I.	1890
Bice, Mark.	Hampton.	1869
Bigham, Hugh.	Fenelon Falls.	1867
Bigham, James.	Warsaw.	1868
Bruce, Fred.	Mount Morris, Mich.	1888
Booth, Donald B.	Odessa.	1868

Burgar, C.	Welland	1870
Campbell, Albert L.	Penfold, N.Y.	1888
Chaffey, Ellswood	Ontario, California	1870
Chamberlain, Théodore F.	Morrisburg.	1871
Clapham, Edward..		1868
Close, James.....	Ohio, U.S.	1873
Coleman, William F.	Chicago.	1870
Corbett, Henry T.	Deceased.	1868
Cornell, Charles	Brockville.	1872
Davis, L. T.	Nanaimo.	1883
Davis, John J.		1890
Davison, Myers.	Deceased.	1871
Day, Barnabas W.	San Diego.	1871
Day, Jonathan	Deceased.	1881
Dickson, John R., jr.	Deceased.	1866
Dowsley, D. H.	Kingston.	1875
Dugdale, John J.	Deceased.	1867
Dunlop, James Donald.	Alpena, Mich.	1886
Erichsen, Hugo	Detroit.	1883
Erly, Francis W. J.	Deceased.	1868
File, Albert J.	Ameliastburg.	1869
Fisher, Albert J.	Brigden.	1893
Fralick, W. G.	New York City.	1887
Fraser, Allen H.	Deceased.	1867
Graham, William J.	Bothwell.	1873
Green, J. B.	Mishawaka, Indiana	1891
Gunsolus, Kenneth.	Detroit, Mich.	1874
Hall, William....	Qu'Appelle.	1883
Hall, John D.	Deceased.	1878
Harvey, Leander.	Watford	1880
Harvey, W. D.	Hillsboro, Dakota	1867
Hay, William, B.A.	St. Lawrence, N.Y.	1887
Henderson, K.	Clyde River, P.E.I.	1890
Hendry, George.	Deceased.	1869
Herriman, Weston Leroy.	Lindsay.	1869
Higginbotham, A.	Deceased.	1868
Horsey, Edward H.	Deceased.	1871
Houston, William R.	Chatham.	1871
Hutcheson, John.	Meaford	1869
Johnstone, David.	Kincardine.	1869
Jones, De Witt Clinton.	Toronto.	1891
Keith, Sylvanus.	New Glasgow, N.S.	1886
Kidd, Edward.	Pictou	1881
Knight, John H.		1880
Koyle, F. H.	Sharon, Mass.	1888
Lavell, Charles H.	Deceased.	1873
Lavell, William A.	Deceased.	1880
Lavers, Frank Charles	New Ross, N.S.	1891
Maclean, Archibald.	Ann Arbor	1880
Mark, Robert	Ottawa	1867
McAmmond, J. F.	Scottsville, N.Y.	1889
McCutcheon, W. C.		1894
McDowell, John.	Deceased	1880
McPhee, J. W.	Deceased.	1886
McPherson, W. A.	Dexter, N.Y.	1890
Meadows, R. W.	H. M. Service	1866
Meagher, Augustus D.	Deceased.	1869
Mitchell, Charles F.	South Bend, Ind.	1890

Mitchell, H. F.	South Lake, Indiana	1889
Munro, David	Perth	1867
Murphy, H. J.	Chatham	1867
Maclean, Donald	Detroit	1868
McLennon, Alexander S.	Chicago	1873
Myers, Ambrose Richard	Forfar, Ont.	1894
Nesbitt, Edward	Deceased	1868
Newell, James	418 Grand River Ave., Detroit	1869
Nimmo, John H.	Brockville	1886
Noel, J. V.	Deceased	1867
Ogilvie, James A.	Kingston, Jamacia	1891
Oliver, John K.	Deceased	1868
O'Sullivan, John	Deceased	1868
Patterson, Richard Langford	Buffalo, N.Y.	1885
Patterson, James B.	Port Elgin	1869
Potts, James McCumming	Belleville	1888
Price, Robinson B.	Kingston	1871
Purdy, Charles W.	Chicago	1869
Reid, John D.	Cardinal	1890
Rourke, Francis	Dublin, Ont.	1867
Scott, William H. S.	Southampton	1890
Smith, Geo. A. W.	Sydney, N.S.W.	1892
Spear, Hugh	Toronto	1868
Stark, Alexander	Berwick	1880
Stewart, Gerald J.	Angus	1869
Symington, Thomas	Camlachie	1881
Tait, Stuart	Kingston, Jamaica	1890
Taplin, Albert Edward		
Thibodo, Robert	Deceased	1868
Tillman, Harry G.	Kingston, Jamacia	1889
VanAllen, John R.	Kansas City	1870
Vanlack, Gilbert	Deceased	1870
Wilson, Charles J. C.	Montreal	1869
Wafer, Francis W.	Deceased	1867
Wood, William Field	Mishawaka	1869
Wood, Isaac	Kingston	1892
Young, David	Manitoba	1871

PASS LISTS IN MEDICINE.

SEPTEMBER, 1893.

BOTANY.

Neish, D. B., Smith, A.

HISTOLOGY.

Fitzgerald, G. D., Butler, T. J.

MATERIA MEDICA.

Fitzgerald, G. D.

JUNIOR CHEMISTRY.

Fitzgerald, G. D., Butler, T. J., Richardson, J., McLaren, A.

APRIL, 1894.

JUNIOR ANATOMY.

Boyle, Jos., Mylkes, G. W., Croskery, E., Anderson, J. W., Huffman, T. G., Ross, A. A., Ford, A. B., Drummond, J. F., Mather, J. F., McCarthy, Wm., McArthur, J. H., Ross, A. E., Edwards, J. C., Spears, Robt., Letellier, A., Cameron, F. E., Collison, G. W., Tinkess, A., Douglass, H. E., Neish, D. B., Metcalfe, W. H., Knight, A., Kelly, W. G., Carey, M., Bannister, P., Hill, F. L., Gaskin, T. M., Sullivan, P.

SENIOR ANATOMY.

Lapp, E. H., Webster, B. E., Spotswood, W. A., Kyle, R. J. L., Scribner, J. F., Embury, A., Gibson, J. C., Gillespie H., Mooney, T., McPherson, C. F., McManus, J. G., Robinson, A., Ferguson, E. W., Hudson, C. H., Jones, A. W., Cranston, J. E., Downing, J. J., McDonald, J. F., Teepell, E. W., Ames, A. J., Metcalfe, A. A., Merriman, W. H., Fulton, C., Tillman, H. A., Walker, H., McDermott, M. F., Richardson, J., McLennan, D. R., Young, J. E.

JUNIOR PHYSIOLOGY.

Huffman, F. C., Mylkes, G. W., Croskery, E., Tinkess, A. L., Collison, G. W., Ross, A. E., Ross, A. A., Anderson, N. W., Spear, Robt., Edwards, J. W., Gilliland, D. F., Drummond, J. F., McCarthy, Wm., Letellier, A., Neish, D. B., Cameron, J. E., Knight, A., Boyle, Jos., Mather, J. F., Carey, M., Douglass, H. E., McCabe, A., Teepell, E., Hill, F. L., Kelly, W. G., Bannister, P.

SENIOR PHYSIOLOGY.

Campbell, P. M., Farrell, T. H., Murray, H. G., Webster, B. E., Scribner, J. F., Gibson, J. C., Metcalfe, A. A., Spotswood, W. A. J., Carscallen, W., Mooney, T., Cranston, J. G., Macdonald, J. F., Lapp, E. H., Ferguson, E. W., McDermott, M. F., Irwin, A., Gillespie, H., Richardson, J., Embury, A., McPherson, C. F. S., Downing, J. J.

HONOURS IN PHYSIOLOGY.

Campbell, P. M., Farrell, T. H., Murray, H. G., Webster, B. E., Scribner, J. F., Gibson, J. C.

HONOURS IN ANATOMY.

Farrell, T. H., Carscallen, W. E., Murray, H. G., Knight, Lewis, Campbell, P. M.

HISTOLOGY.

Carscallen, W. E., Downing, Jos., Gibson, J. C., Campbell, P. M., Knight, Lewis, Kyle, R. J. L., Webster, B. E., Metcalfe, A. A., Boyle, Jos., Young, W. A., Cranston, J. G., Ross, A. E., McManus, J. G., McPherson, C., Ferguson, E. W., Embury, A. T., Murray, H. G., Finley, A. E., Lapp, E. H., McDonald, J. F., Richardson, J., Mooney, T.

JUNIOR CHEMISTRY.

Croskery, E. A., Mylkes, G. W., Ross, A. A., Knight, A., Tinkess, A. L., Spear, Robt., Collison, G. W., McDonald, J. F., Anderson, N. W., Hill, F. L., Griffith, M. A., Cameron, F. E., Mather, J. F., McCarthy, Wm. A., Lofthouse, W. O. R., Hudson, C. H., Letellier, A., Douglass, H. E. M., Kelly, W. G., Drummond, S. J., Neish, D. B., Tillman, H. A., McCabe, A., Gilliland, D. A., Bannister, P., Carey, M., Metcalfe, H. H.

SENIOR CHEMISTRY.

McPherson, C. F. S., Ferguson, E. W., Campbell, P. M., Metcalfe, A. A., Kyle, R. J. L., Embury, A. F., Knight, Lewis, Carscallen, W. E., Scribner, J. F., Lapp, E. H., Richardson, J., Mooney, T., Ames, A. J., Gillespie, H., Irwin, A. W., Fitzgerald, G. D., Murray, H. G., Teepell, E. W., Young, J. G., Cranston, J. G.

ANALYTICAL CHEMISTRY.

Cranston, J. G., Embury, A., Farrell, T. H., McLaren, A., Richardson, J., Downing, J., Campbell, P. M., Lyle, W. D., McPherson, C. F. S., Scribner, J. F., Mooney, T., Carscallen, W. E., Edwards, J. W., Gillespie, H., Irwin, A., Lapp, E. H., Knight, L. A., McManus, J. G., Ferguson, E. W., Gibson, J. C., Murray, H. G., McLennan, D. R., Teepell, E. W., Kyle, R. J., Ames, A. J., Metcalfe, A. A., Walker, H., Young, J. G.

JUNIOR MATERIA MEDICA.

Mather, J. F., Ross, A. E., Bannister, P. G., Boyle, Jos., Spear, Robt., Croskery, E. A., Mylkes, G. W., Anderson, N. W., Ross, A. A., Ford, A. B., Knight, A., McArthur, J. H., Drummond, S. J., Neish, D. B., Tinkess, A., Letellier, A., McCarthy, A. W., Edwards, J. W., Collison, G. W., McCabe, Arthur, Douglass, H. E.

SENIOR MATERIA MEDICA.

Farrell, T. H., Webster, B. E., Downing, J. J., Anderson, W. J., Scribner, J. F., Murray, H. G., Gillespie, H., Spotswood, W. A. J., Lapp, E. H., Gibson, J. C., Ferguson, E. W., Embury, A., McManus, J. C., Knight, L. A., Metcalfe, A. A., McPherson, C. F. S., Butler, T. J., Hudson, C. H., Walker, H., MacDonald, J. F., Stevenson, A. J., Carscallen, W. E., Cranston, J. G., Campbell, P. M., Berry, G. H.

SENIOR PRACTICE OF MEDICINE.

Connell, W. T., Morden, F. W., Anderson, W. J., Farley, F. J., Williams, H. G., Seager, J., Myers, A. R., Allen, J. R., Fulton, C., Kinsley, P. J., Young, W. A., Leahy, B. J., Parlow, A. B., Sands, W. W., Fitzgerald, G. D., Gillen, E., McCutcheon, W. C., Butler, T. J., Boucher, J. A., Stevenson, J. A.

JUNIOR PRACTICE OF MEDICINE.

Hagar, T. C., Kyle, B. J. L., Drennan, Miss J., McDonald, H. S., McBroom, J. A., Whittiker, W. C., Stewart, G. G.

Honours in Practice of Medicine.

Connell, W. T., Morden, F. W., Farley, F. J., Anderson, W. J.

JUNIOR SURGERY.

Whittiker, W. C., Drennan, J., Stewart, G. G., McDonald, J. A., McBroom, J. A.

Honours.

Whittiker, W. C., Kyle, R. J., Hagar, F. C.

SENIOR SURGERY.

Morden, F. W., Connell, W. T., Farley, F. S., Allen, R. J., Stevenson, A. J., Seager, J., Anderson, W. J., Kinsley, R. J., Williams, H. G., Young, W. A., Parlow, A. B., Gillen, E., Leahy, B. J., Fulton, C., Sands, W. W., Davis, J. J., Butler, T. J., McCutcheon, W. C., McGregor, J. G., Fitzgerald, G. D., Boucher, J. A., Myers, A. R.

Honours.

Morden, F. W., Connell, W. T., Farley, F. S., Allen, J. R.

JUNIOR OBSTETRICS.

Whittiker, W. C., Stewart, G. G., McBroom, J. A., McDonald, H. S., Kyle, R. J. L.

SENIOR OBSTETRICS.

Morden, F. W., Connell, W. T., Seager, James, Fulton, C., Allen, J. R., Sands, W. W., Anderson, W. J., Farley, F. J., Williams, H. G., Young, W. A., Kinsley, P. J., Parlow, A. B., Myers, A. R., Fitzgerald, G. D., Leahy, B. J., McCutcheon, W. C., Boucher, J. A., Davis, J. J.

Honours in Obstetrics.

Morden, F. W., Connell, W. T., Allen, J. R., Seager, James.

CLINICAL MEDICINE.

Connell, W. T., Morden, F. W., Allen, J. R., Anderson, W. J., Farley, F. J., Seager, Jas., Williams, H. G., Young, W. A., Fulton, C., McCutcheon, W. C., Leahy, B. J., Kinsley, P. J., Myers, A. R., Parlow, A. B., Fitzgerald, G. D., Davis, J. J., Gillen, E., Butler, T. J., Sands, W. W., Boucher, J. A., Ward, Miss, Stevenson, J. A., McGregor, J. G.

CLINICAL SURGERY.

Connell, W. T., Young, W. A., Leahy, B. J., Anderson, W. J., Seager, Jas., Williams, H. G., Fulton, C., Allen, J. R., Morden, F. W., Kinsley, P. J., Farley, F. S., Ward, Miss, McCutcheon, W. C., Gillen, E., Parlow, A. B., Boucher, J. A., Myers, A. R., Stevenson, A. J., Davis, J. J., Fitzgerald, G. D., McGregor, J. J., Sands, W. W., Butler, T. J.

MEDICAL JURISPRUDENCE.

Morden, F. W., Connell, W. T., McDonald, H. S., Whittiker, W. C., Seager, Jas., Drennan, J., Allen, J. R., Farley, F. J., McKeown, H. A., Kinsley, P. J., Hagar, T. C., McCutcheon, W. C., Henderson, N. R., Stewart, G. G., Farrell, T. H., Boucher, J. A., Tillman, H. A., Davis, J. J., McEwen, A., Young, W. A., Fitzgerald, G. D., Sands, W. W., Kyle, R. J. L., Spotswood, W. A. J., Stevenson, A. J., Lofthouse, W. A., Parlow, A. B., Marselis, E. H., Fleming, H., Robinson, A., Gillen, E., Anderson, W. J., Berry, G. H., Ames, A. J.

Honours.

Morden, F. W., Connell, W. T., Seager, James, Whittiker, W. C., Drennan, J., McDonald, H. S.

PATHOLOGY.

Morden, F. W., Connell, W. T., Whittiker, W. C., Anderson, W. J., Farley, F. J., McBroom, J. A., Stevenson, A. J., Stewart, G. G., Williams, H. G., Drennan, J., Hagar, F. C., Leahy, B. J., Young, W. A., Kyle, R. J. L., Marselis, E. H., McDonald, H. S., Allen, J. R., Kinsley, P. J., Ward, Miss, Merriman, W. H., Parlow, A. B., Sands, W. W., Myers, A. R., Gillen, E., McCutcheon, W. C., Boucher, J. A., Davis, J. J., Fitzgerald, G. D., Abbott, G. A., Butler, T. J., Stevenson, A. J.

SURGICAL ANATOMY.

Connell, W. T., Seager, James, Morden, F. W., Anderson, W. J., Allen, J. R., Sands, W. W., Young, W. A., Leahy, B. J., Gillen, E., Parlow, A. B., McCutcheon, W. C., Williams, H. G., Kinsley, P. J., Farley, F. J., McGregor, J. G., Myers, A. R., Boucher, J. A., Davis, J. J., Fitzgerald, G. D., Fulton, C., Butler, T. J., Stevenson, A. J., Ward, Miss.

Honours in Surgical Anatomy.

Connell, W. T., Morden, F. W., Seager, Jas., Anderson, W. J.

SANITARY SCIENCE.

Drennan, J., Topliffe, A., Sands, W. W., Young, W. A., Farley, F. J., Anderson, W. J., Fitzgerald, G. D., Finley, A. E., Cranston, J. G., Stewart, G. G., Lofthouse, W. O., Farrell, T. H.

Honours in Sanitary Science.

Connell, W. T., Drennan, J., Topliffe.

